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SARS-CoV-2 Spike Protein S1 Rabbit pAb

Catalog Number:	bs-24384R
Target Protein:	SARS-CoV-2 Spike Protein S1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	ELISA (1:5000-10000)
Reactivity:	(predicted:2019-nCoV)
Predicted MW:	140/65 kDa
Source:	KLH conjugated synthetic peptide derived from 2019-nCoV Spike Protein S: 21-120/1273.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.
Background:	The SARS-CoV-2 spike (S) protein is the target of vaccine design efforts to end the COVID-19 pandemic. Despite a low mutation rate, isolates with the D614G substitution in the S protein appeared early during the pandemic, and are now the dominant form worldwide. Here, we analyze the D614G mutation in the context of a soluble S ectodomain construct.

PRODUCT SPECIFIC PUBLICATIONS

[IF=12.6] Songtao Hu. et al. Highly hydrostable and flexible opal photonic crystal film for enhanced up-conversion fluorescence sensor of COVID-19 antibody. BIOSENS BIOELECTRON. 2023 Oct;237:115484 Other ; . 37352761